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COLUMBIA SQUARE
555 THIRTEENTH STREET, NW
WASHINGTON, DC 20004-1109
TEL (202) 637-5600
FAX (202) 637-5910
WWW.HHLAW.COM

September 26, 2002

RECEIVED

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Via Hand Delivery

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

**RE: AirCell, Inc. Experimental License KI2XCS (FRN 0005-8845-31),
AirCell, Inc. Petition for Extension of Waiver, WT Docket No. 02-86,
AirCell, Inc. proceedings on remand from AT&T Wireless Services,
Inc., et al. v. FCC, 270 F.3d 959 (D.C. Cir. 2001),
AirCell, Inc. Petition, Pursuant to Section 7 of the Act, for a
Waiver of the Airborne Cellular Rule Emergency Petition for a
Declaratory Ruling**

Dear Ms. Dortch:

On behalf of AirCell, Inc. ("AirCell"), I am writing to notify you that on September 25, 2002, an *ex parte* presentation regarding the proceedings referred to above was made by AirCell representatives Jim Stinehelfer, President; Bill Gordon, Vice President-Federal Regulatory; and Ken Jochim, Vice President-Operations; and my colleague Michele Farquhar and I. The FCC staff members at the presentation included James D. Schlichting, Deputy Chief, Wireless Telecommunications Bureau ("WTB"); David Furth, Senior Legal Advisor, WTB; William Kunze, Chief, Commercial Wireless Division ("CWD")/WTB; Katherine Harris, Deputy Chief, CWD/WTB; B.C. "Jay" Jackson, Engineering Advisor to the Chief, CWD/WTB; Leon J. Jackler, Attorney, CWD/WTB; Julius Knapp, Deputy Chief, Office of Engineering and Technology ("OET"); and James R. Burtle, Chief, Experimental Licensing Branch, OET.

The presentation discussed the summary points set forth in the attached slides, including the growing demand for new safety and consumer wireless devices on commercial airlines, and various approaches under consideration by AirCell to address this demand. No written materials were distributed.

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Marlene H. Dortch
September 26, 2002
Page 2

If there are any questions, please contact me directly.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Ronnie London', is written over a horizontal line.

Ronnie London
Counsel to AirCell, Inc.

Enclosures

cc: Ed Thomas, Chief, Office of Engineering and Technology
James Schlichting, Deputy Chief, Wireless Telecommunications Bureau
Attached service list



Aircraft Communications Systems

**Presentation for the FCC
September 25, 2002**



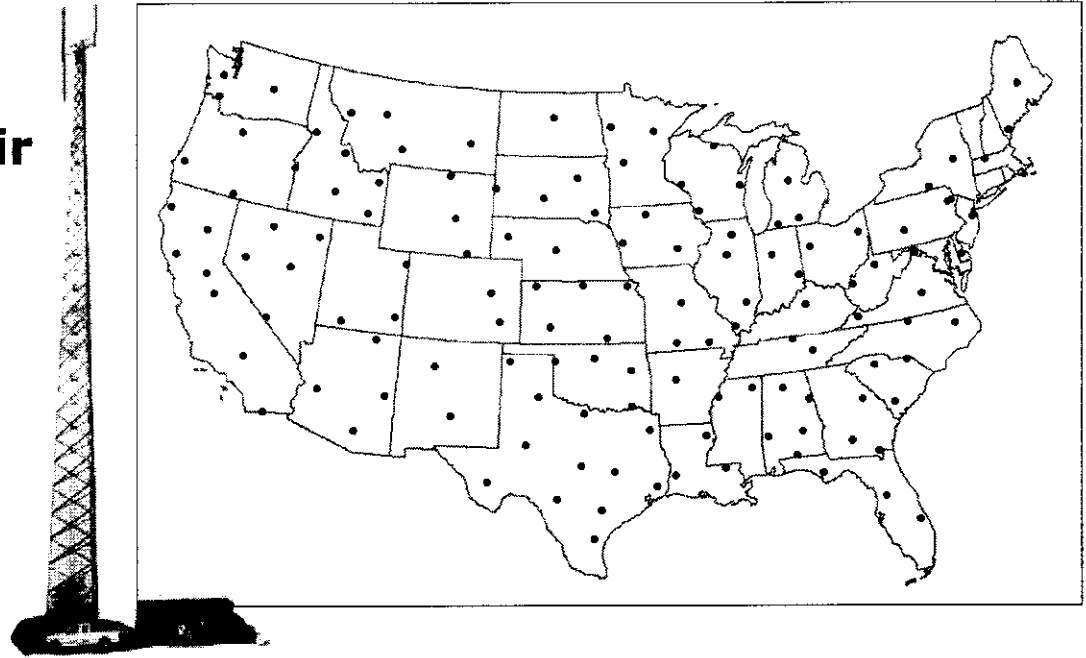
Agenda

- ☐ AirCell Update
- ☐ Airline Security Communications
- ☐ Airline Passenger Alternatives
- ☐ AirCell Experimental



Network Technology

- **135 Sites on-line**
- **95% Coverage for all air routes over the Conus**
- **23 Licensed Providers**
- **Proprietary Antennas**
- **Dedicated Site Electronics**
- **Dedicated RF Channels**
- **Performance better than "Cellular"**





History and Accomplishments

Key Customers



- ☐ 1200 customers in the air
- ☐ NetJet, #1 Fractional Ownership Company
- ☐ Flight Options, #2 Fractional Ownership Company
- ☐ Government Agencies
 - US Navy SWDG, US Bureau of Reclamation
- ☐ Aircraft Manufacturers
 - Cessna, Raytheon, Lear, etc.
- ☐ Fortune 500 Companies: ConAgra, Chevron Inc.
- ☐ Airlines: Frontier, JetBlue (FAA contract)



AirCell Credentials - Existing Products and Services

- ☐ Airborne Receiver/Transmitters:

- Air Operation, Air and Ground Operation (cellular and satellite),
Voice and Data

- ☐ Cabin Telecom Handsets

- ☐ Fuselage Mounted Cellular/Satellite Antennas

- ☐ Services Include:

- Voice calls (send/receive), Data (weather, email, Internet)

- ☐ All AirCell products are designed, certified, manufactured
and installed to the appropriate FAA standards



FCC Issues

List of potential issues

- 1) Experimental License issues
- 2) Waiver/Forbearance Issues
 - 1) Cordless link
 - 2) Enforcement measures to ensure no unauthorized use



Airline Passenger Services

Service to replace loss of AT&T Claircom offering
(AT&T ceased all aviation services on September 1,
2002)

Crew and Passenger Services requested include:

- Voice calls to and from the aircraft

- Data service to and from the aircraft

Most Major Airlines have requested AirCell to propose
solutions that allow passengers to use personal mobile
devices in flight.



Passenger Mobile Subscriber Devices

Possible Approaches

Pico Cells

Voice over IP-802.11G

Bluetooth

"Relator" (referred to as "repeater" in WAEA presentation)



Next Generation Digital Services

AirCell desires to migrate to digital based service within three years

- Analog phasing out in 5 years

- 3G convergence may open international markets

- Digital service more feature rich

- Higher speed data rates are possible

CERTIFICATE OF SERVICE

I, Susan Maier, do hereby certify that the foregoing Notice of Ex Parte Contact was served on this 26th day of September, 2002, by hand delivery and first-class U.S. mail on:

Marlene H. Dortch*
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Roger Noel *
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Leon Jackler *
Wireless Telecommunications Bureau
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Qualex International *
445 12th Street, SW
Washington, DC 20554

Julius Knapp *
Office of Engineering and Technology
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Mr. James Burtles *
Office of Engineering and Technology
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

William Kunze *
Wireless Telecommunications Bureau
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Paul D'Ari *
Wireless Telecommunications Bureau
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Mr. B.C. "Jay" Jackson *
Wireless Telecommunications Bureau
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Mr. Wilbert Nixon *
Wireless Telecommunications Bureau
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Roberta Cook *
Office of General Counsel
Federal Communications Commission
445-12th Street, S.W.
Washington, D.C. 20554

Glenn S. Rabin
Vice President, Federal Regulatory Affairs
ALLTEL Corporation
601 Pennsylvania Avenue, N.W.
Suite 720
Washington, D.C. 20004

David L. Nace
Lukas Nace Gutierrez & Sachs, Chartered
1111 Nineteenth Street, N.W.
Suite 1200
Washington, DC 20036

Karlyn D. Stanley
Cole Raywid & Braverman, LLP
1919 Pennsylvania Avenue, N.W.
Suite 200
Washington, D.C. 20006-3458

Nancy K. Spooner
Swidler Berlin Shereff Friedman, LLP
3000 K Street, N.W.
Suite 300
Washington, D.C. 20007-5116

David Kaufman
Brown Nietert & Kaufman, Chartered
2000 L Street, N. W.
Suite 817
Washington, D.C. 20036-1601

Donald J. Evans
Fletcher Heald & Hildreth, PLC
1300 North 17th Street
11th Floor
Arlington, VA 22209

Harry H. Baker
President
Sierra Cellular, Inc.
(California RSA No. 3 Limited Partnership)
17400 High School Road
Jamestown, CA 95237

Timothy E. Welch
Hill & Welch
1330 New Hampshire Avenue, NW
Suite 113
Washington, D.C. 20036

Sylvia Lesse
Kraskin Lesse & Cosson, LLP
2120 L Street, NW
Suite 520
Washington, DC 20037

David A. LaFuria
Lukas Nace Gutierrez & Sachs, Chartered
1111 Nineteenth Street, N.W.
Suite 1200
Washington, D.C. 20036

Robert M. Jackson
Blooston, Mordkofsky, Dickens Duffy & Prendergast
2120 L Street, N.W.
Suite 300
Washington, D.C. 20037

James Williams
Director of Operations
South Canaan Cellular Communications Co.
12800 University Drive
Fort Myers, FL 33907

Peter M. Connolly
Holland & Knight, LLP
2099 Pennsylvania Avenue, NW
Suite 100
Washington, D.C. 20006-6801

Gene DeJordy
Vice President, Regulatory Affairs
Western Wireless Corporation
3650 131st Avenue, SE
Bellevue, WA 98006

Kathryn A. Zachem
L. Andrew Tollin
Michael Deuel Sullivan
Wilkinson Barker Knauer, LLP
2300 N Street, NW, Suite 700
Washington, D.C. 20037-1128

Douglas I. Brandon
AT&T Wireless Services, Inc.
1150 Connecticut Avenue, NW
Washington, D.C. 20036

Joaquin R. Carbonell
Carol L. Tacker
David G. Richards
Cingular Wireless LLC
5565 Glenridge Connector, Suite 1700
Atlanta, GA 30342

John T. Scott, III
Andre J. Lachance
Verizon Wireless
1300 I Street, NW, Suite 400-W
Washington, D.C. 20005

Michael Ferrante
Licensing and Technical Analysis Branch
Commercial Wireless Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th St. S.W, Room 4-C124
Washington, DC 20554

Thomas Sugrue, Bureau Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th St. SW
Washington, D.C. 20554

Peter Tenhula, Senior Legal Advisor
Federal Communications Commission
445 12th St. SW, Room 8-B201
Washington, D.C. 20554

Bryan Tramont, Senior Legal Advisor
Federal Communications Commission
445 12th St. SW, Room 8-B115
Washington, D.C. 20554

Paul Margie, Senior Legal Advisor
Federal Communications Commission
445 12th St. SW, Room 8-A302
Washington, D.C. 20554

Sam Feder, Senior Legal Advisor
Federal Communications Commission
445 12th St. SW, Room 8-A204E
Washington, DC 20554



Susan Maier

* denotes hand delivery